

OPIE

CRF Errors Corrected by the STIC Systems Branch

CRF Processing Date:

5/16/2001

Edited by:

Verified by:

(STIC staff)

Serial Number: 09/848,616

ENTERED

 Changed a file from non-ASCII to ASCII Changed the margins in cases where the sequence text was "wrapped" down to the next line. Edited a format error in the Current Application Data section, specifically: Edited the Current Application Data section with the actual current number. The number inputted by the applicant was the prior application data; or other _____. Added the mandatory heading and subheadings for "Current Application Data". Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer. Changed the spelling of a mandatory field (the headings or subheadings), specifically: Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were: Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place. Inserted colons after headings/subheadings. Headings edited included: Deleted extra, invalid, headings used by an applicant, specifically: Deleted: non-ASCII "garbage" at the beginning/end of files; secretary initials/filename at end of file; page numbers throughout text; other invalid text, such as _____. Inserted mandatory headings, specifically: Corrected an obvious error in the response, specifically: Edited identifiers where upper case is used but lower case is required, or vice versa. Corrected an error in the Number of Sequences field, specifically: A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted. Deleted ending stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: Other:Seq 18-moved base to left

RAW SEQUENCE LISTING DATE: 05/27/2001
PATENT APPLICATION: US/09/848,616 TIME: 17:48:05

Input Set : A:\Pto.amc
Output Set: C:\CRF3\05272001\I848616.raw

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/848,616

DATE: 05/27/2001

TIME: 17:48:05

Input Set : A:\Pto.amc
 Output Set: C:\CRF3\05272001\I848616.raw

75 <220> FEATURE:
 76 <223> OTHER INFORMATION: Primer
 78 <400> SEQUENCE: 5
 79 ccttcttaa cggtggttac ctgctggcaa ccaacgtgg tcatgac 47
 82 <210> SEQ ID NO: 6
 83 <211> LENGTH: 40
 84 <212> TYPE: DNA
 85 <213> ORGANISM: Artificial Sequence
 87 <220> FEATURE:
 88 <223> OTHER INFORMATION: Primer
 90 <400> SEQUENCE: 6
 91 aagcatgctg cacgcgtgtg cggtggtcgg atcggccggc 40
 94 <210> SEQ ID NO: 7
 95 <211> LENGTH: 90
 96 <212> TYPE: DNA
 97 <213> ORGANISM: Artificial Sequence
 99 <220> FEATURE:
 100 <223> OTHER INFORMATION: Primer
 102 <400> SEQUENCE: 7
 103 gggtctagat tcccaaccat tcccttatcc aggcttttgc acaacgctat gctccgcgc 60
 104 catcgctcgc accagctggc ctttgacacc 90
 107 <210> SEQ ID NO: 8
 108 <211> LENGTH: 108
 109 <212> TYPE: DNA
 110 <213> ORGANISM: Artificial Sequence
 112 <220> FEATURE:
 113 <223> OTHER INFORMATION: Primer
 115 <400> SEQUENCE: 8
 116 gggtctagaa ggaggtaaaa aacgatgaaa aagacagcta tcgcgattgc agtggcactg 60
 117 gctggtttcg ctaccgttagc gcaggccttc ccaaccattc ctttatcc 108
 120 <210> SEQ ID NO: 9
 121 <211> LENGTH: 31
 122 <212> TYPE: DNA
 123 <213> ORGANISM: Artificial Sequence
 125 <220> FEATURE:
 126 <223> OTHER INFORMATION: Primer
 128 <400> SEQUENCE: 9
 129 cccgaattcc tagaagccac agctgccctc c 31
 132 <210> SEQ ID NO: 10
 133 <211> LENGTH: 24
 134 <212> TYPE: DNA
 135 <213> ORGANISM: Artificial Sequence
 137 <220> FEATURE:
 138 <223> OTHER INFORMATION: Primer
 140 <400> SEQUENCE: 10
 141 cctgcggtgg tctgaccgac accc 24
 144 <210> SEQ ID NO: 11
 145 <211> LENGTH: 41
 146 <212> TYPE: DNA

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Input Set : A:\Pto.amc
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147 <213> ORGANISM: Artificial Sequence
149 <220> FEATURE:
150 <223> OTHER INFORMATION: Primer
152 <400> SEQUENCE: 11
153 ccgcggaaga gccaccgcaa ccaccgtgtg ccgcccaggat g 41
156 <210> SEQ ID NO: 12
157 <211> LENGTH: 33
158 <212> TYPE: DNA
159 <213> ORGANISM: Artificial Sequence
161 <220> FEATURE:
162 <223> OTHER INFORMATION: Primer
164 <400> SEQUENCE: 12
165 cttatcatcta gaatgaatag aggattctt aac 33
168 <210> SEQ ID NO: 13
169 <211> LENGTH: 15
170 <212> TYPE: DNA
171 <213> ORGANISM: Artificial Sequence
173 <220> FEATURE:
174 <223> OTHER INFORMATION: Modified ribosome
175 binding site
177 <400> SEQUENCE: 13
178 aggaggtaaa aaacg 15
181 <210> SEQ ID NO: 14
182 <211> LENGTH: 21
183 <212> TYPE: PRT
184 <213> ORGANISM: Artificial Sequence
186 <220> FEATURE:
187 <223> OTHER INFORMATION: signal peptide
189 <400> SEQUENCE: 14
190 Met Lys Lys Thr Ala Ile Ala Ile Ala Val Ala Leu Ala Gly Phe Ala
191 1 5 10 15
193 Thr Val Ala Gln Ala
194 20
197 <210> SEQ ID NO: 15
198 <211> LENGTH: 46
199 <212> TYPE: PRT
200 <213> ORGANISM: Artificial Sequence
202 <220> FEATURE:
203 <223> OTHER INFORMATION: modified Fos
204 construct
206 <400> SEQUENCE: 15
207 Cys Gly Gly Leu Thr Asp Thr Leu Gln Ala Glu Thr Asp Gln Val Glu
208 1 5 10 15
210 Asp Glu Lys Ser Ala Leu Gln Thr Glu Ile Ala Asn Leu Leu Lys Glu
211 20 25 30
213 Lys Glu Lys Leu Glu Phe Ile Leu Ala Ala His Gly Gly Cys
214 35 40 45
217 <210> SEQ ID NO: 16
218 <211> LENGTH: 6

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Input Set : A:\Pto.amc
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219 <212> TYPE: PRT
220 <213> ORGANISM: Artificial Sequence
222 <220> FEATURE:
223 <223> OTHER INFORMATION: peptide linker
225 <400> SEQUENCE: 16
226 Ala Ala Ala Ser Gly Gly
227 1 5
230 <210> SEQ ID NO: 17
231 <211> LENGTH: 6
232 <212> TYPE: PRT
233 <213> ORGANISM: Artificial Sequence
235 <220> FEATURE:
236 <223> OTHER INFORMATION: peptide linker
238 <400> SEQUENCE: 17
239 Gly Gly Ser Ala Ala Ala
240 1 5
243 <210> SEQ ID NO: 18
244 <211> LENGTH: 256
245 <212> TYPE: DNA
246 <213> ORGANISM: Artificial Sequence
248 <220> FEATURE:
249 <223> OTHER INFORMATION: Fos fusion construct
251 <400> SEQUENCE: 18
252 gaattcaggaa ggtaaaaaac gatgaaaaag acagctatcg cgattgcagt ggcactggct 60
253 ggtttcgcta ccgtacgcga ggcctgggtg ggggcggccg cttctggtgg ttgcgggtgg 120
254 ctgaccgaca ccctgcaggc ggaaccgcac caggtggaaag acgaaaaatc cgcgctgcaa 180
255 accgaaatcg cgaacctgct gaaagaaaaa gaaaagctgg agttcatctt ggcggcacac 240
256 ggtggttgtc aagtt 256
259 <210> SEQ ID NO: 19
260 <211> LENGTH: 52
261 <212> TYPE: PRT
262 <213> ORGANISM: Artificial Sequence
264 <220> FEATURE:
265 <223> OTHER INFORMATION: Fos fusion construct
267 <400> SEQUENCE: 19
268 Ala Ala Ala Ser Gly Gly Cys Gly Leu Thr Asp Thr Leu Gln Ala
269 5 10 15
271 Glu Thr Asp Gln Val Glu Asp Glu Lys Ser Ala Leu Gln Thr Glu Ile
272 20 25 30
274 Ala Asn Leu Leu Lys Glu Lys Glu Lys Leu Glu Phe Ile Leu Ala Ala
275 35 40 45
277 His Gly Gly Cys
278 50
282 <210> SEQ ID NO: 20
283 <211> LENGTH: 261
284 <212> TYPE: DNA
285 <213> ORGANISM: Artificial Sequence
287 <220> FEATURE:
288 <223> OTHER INFORMATION: Fos fusion

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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

VERIFICATION SUMMARY
PATENT APPLICATION: US/09/848,616

DATE: 05/27/2001
TIME: 17:48:06

Input Set : A:\Pto.amc
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L:15 M:270 C: Current Application Number differs, Replaced Application Number
L:16 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:381 M:283 W: Missing Blank Line separator, <220> field identifier
L:2378 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:111